

Date Searched: 12/22/2006

Databases Searched: USPAT, USGPUB

Plurals: ON

Terms Searched:

L1 (programmable adj3 (device or array)) or pld or cpld or pga or fpga or pal

L2 (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring) same (path or interconnect\$4 or wire or wiring or route or routing or connect\$4)

L3 (test\$3 or verif\$8) same (defect\$3 or fault or fail\$4)

L4 (alternative or spare\$1 or backup or back-up or redundan\$2)

L5 1 and (2 same 4) and 3

L6 716/1-18.ccls. or 714/32-46,724-742.ccls. or 324/527-528,537.ccls.

L7 5 and 6 and @pd>20060902

Results: 8 hits

L8 (test\$4 or stimulus or vector) near5 (generat\$4 or produc\$5 or creat44)

L9 (observ\$6 or monitor\$3) same (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring)

L10 8 same (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring)

L11 7 and 9 and 10 and @pd>20060902

Results: 2 hits

US 7139955 B2

USPAT Rohrbaugh; John G et al.

714/738

US 7111213 B1

USPAT Dastidar; Jayabrata Ghosh et al.

714/724

**\*\*Interference Search\*\***

Databases Searched: USGPUB

Plurals: ON

Terms Searched:

L1 (((programmable adj3 (device or array)) or pld or cpld or pga or fpga or pal) and (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring) near15 (path or interconnect\$4 or wire or wiring or route or routing or connect\$4) and ((test\$3 or verif\$8) near10 (defect\$3 or fault or fail\$4)) and (alternative or spare\$1 or backup or back-up or redundan\$2) and (test\$4 or stimulus or vector) near5 (generat\$4 or produc\$5 or creat44) and (observ\$6 or monitor\$3) near15 (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring) and (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring)).clm.

Results: 0 hits

L2 (((programmable adj3 (device or array)) or pld or cpld or pga or fpga or pal) and (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring) near15 (path or interconnect\$4 or wire or wiring or route or routing or connect\$4) and ((test\$3 or verif\$8) near10 (defect\$3 or fault or fail\$4)) and (alternative or spare\$1 or backup or back-up or redundan\$2)).clm.

Results: 3 hits

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	0	(((programmable adj3 (device or array)) or pld or cpld or pga or fpga or pal) and (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring) near15 (path or interconnect\$4 or wire or wiring or route or routing or connect\$4) and ((test\$3 or verif\$8) near10 (defect\$3 or fault or fail\$4)) and (alternative or spare\$1 or backup or back-up or redundan\$2) and (test\$4 or stimulus or vector) near5 (generat\$4 or produc\$5 or creat44) and (observ\$6 or monitor\$3) near15 (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring) and (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring) ).clm.	US-PGPUB	OR	ON	2006/12/22 15:48

## EAST Search History

L13	3	(((programmable adj3 (device or array)) or pld or cpld or pga or fpga or pal) and (instant\$7 or program\$2 or programming or configur\$2 or configuring or configuration or initial\$8 or reprogram\$2 or reprogramming or re-program\$2 or re-programming or reconfigur\$2 or re-configur\$2 or reconfiguring or re-configuring) near15 (path or interconnect\$4 or wire or wiring or route or routing or connect\$4) and ((test\$3 or verif\$8) near10 (defect\$3 or fault or fail\$4)) and (alternative or spare\$1 or backup or back-up or redundan\$2)).clm.	US-PGPUB	OR	ON	2006/12/22 15:49
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